

# DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

## INVENTOR AND SPECIFICATION IDENTIFICATION

My residence, post office address and citizenship are as stated below next to my name, I believe that I am the original, first and sole inventor (*if only one name is listed below*) or an original, first and joint inventor (*if plural names are listed below*) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

## METHODS AND SYSTEMS USING PLD-BASED NETWORK COMMUNICATION PROTOCOLS

TITLE OF INVENTION

the specification of which:

- is attached hereto.
- was filed on \_\_\_\_\_ as Application Serial No. \_\_\_\_\_  
and was amended on \_\_\_\_\_ (*if applicable*). \_\_\_\_\_
- was described and claimed in PCT International Application No. \_\_\_\_\_ filed on \_\_\_\_\_  
and amended under PCT Article 19 on \_\_\_\_\_ (*if any*). \_\_\_\_\_

## REVIEW OF PAPERS AND ACKNOWLEDGMENT OF DUTY OF CANDOR

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I do not know and do not believe that the invention claimed in the above-identified specification was ever known or used in the United States of America before my or our invention thereof, or patented or described in any printed publication in any country before my or our invention thereof or more than one year prior to this application, and that the same was not in public use or on sale in the United States of America more than one year prior to this application.

I acknowledge the duty to disclose to the Patent and Trademark Office information which I know is material to the patentability of this application in accordance with Title 37, Code of Federal Regulations, § 1.56.

## FOREIGN APPLICATIONS AND PRIORITY CLAIM

The invention claimed in the above-described specification has not been patented or made the subject of an inventor's certificate issued before the date of this application in any country foreign to the United States of America on an application filed by me or my legal representatives or assigns more than twelve months prior to this application. I hereby claim foreign priority benefits under Title 35, United States Code, § 119 of any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed.

COUNTRY	APPLICATION NUMBER	DATE OF FILING (day, month, year)	PRIORITY CLAIMED UNDER 37 USC 119
			<u>  </u> Yes <u>  </u> No
			<u>  </u> Yes <u>  </u> No
			<u>  </u> Yes <u>  </u> No
			<u>  </u> Yes <u>  </u> No

### DOMESTIC PRIORITY CLAIM

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States patent application(s) listed below and, insofar as this application discloses or claims subject matter in addition to that disclosed in the below listed priority applications, I acknowledge the duty to disclose to the Patent and Trademark Office all information known by me to be material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56 which became available between the filing date(s) of the below-listed prior application(s) and the national or PCT international filing date of this application.

<u>09/611,775</u> (APPLICATION SERIAL NO.)	<u>July 7, 2000</u> (FILING DATE)	<u>Pending</u> (STATUS: PATENTED, PENDING, ABANDONED)
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<u>                        </u> (APPLICATION SERIAL NO.)	<u>                        </u> (FILING DATE)	<u>                        </u> (STATUS: PATENTED, PENDING, ABANDONED)

### POWER OF ATTORNEY

I hereby appoint Alan R. Loudermilk (Reg. No. 32,788), who is registered to practice before the Patent and Trademark Office, as my attorney with full power of substitution and revocation, to prosecute this application, to make alterations or amendments therein, to receive the patent and transact all business in the Patent and Trademark Office connected therewith.

All CORRESPONDENCE should be addressed to:

Loudermilk & Associates  
10950 N. Blaney Avenue Suite B  
Cupertino, CA 95014

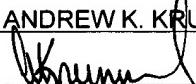
All TELEPHONE INQUIRIES may be directed to Alan R. Loudermilk at (408) 342-1866.

I hereby declare I have read this Declaration, and that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by

fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

**HAND PRINT DATE BEFORE SIGNING**

Full name of sole or  
first joint inventor ANDREW K. KRUMEL Citizenship USA

Inventor's signature  Date December 21, 2000

Residence 3635 Pleasant Knoll Drive, San Jose, CA 95148

Post Office Address 3635 Pleasant Knoll Drive, San Jose, CA 95148

Full name of second  
joint inventor \_\_\_\_\_ Citizenship \_\_\_\_\_

Inventor's signature \_\_\_\_\_ Date \_\_\_\_\_

Residence \_\_\_\_\_

Post Office Address \_\_\_\_\_

Full name of third  
joint inventor \_\_\_\_\_ Citizenship \_\_\_\_\_

Inventor's signature \_\_\_\_\_ Date \_\_\_\_\_

Residence \_\_\_\_\_

Post Office Address \_\_\_\_\_

Full name of fourth  
joint inventor \_\_\_\_\_ Citizenship \_\_\_\_\_

Inventor's signature \_\_\_\_\_ Date \_\_\_\_\_

Residence \_\_\_\_\_

Post Office Address \_\_\_\_\_

Full name of fifth  
joint inventor \_\_\_\_\_ Citizenship \_\_\_\_\_

Inventor's signature \_\_\_\_\_ Date \_\_\_\_\_

Residence \_\_\_\_\_

Post Office Address \_\_\_\_\_

If this line is checked, the signature page is continued on the attached Addendum.

Attorney's Docket No. 802-002

PATENT

- |   |          |   |
|---|----------|---|
| <input checked="" type="checkbox"/> Applicant | Krumel   | <input type="checkbox"/> Pattee               |
| <input type="checkbox"/> Application No.      |          | <input type="checkbox"/> Patent No.           |
| <input checked="" type="checkbox"/> Filed on  | 12/21/00 | <input checked="" type="checkbox"/> Issued on |

Title: METHODS AND SYSTEMS UTILIZING PLD-BASED NETWORK COMMUNICATION PROTOCOLS

**STATEMENT CLAIMING SMALL ENTITY STATUS  
(37 CFR 1.9(f) and 1.27(c))—SMALL BUSINESS CONCERN**

I hereby state that I am

- the owner of the small business concern identified below:  
 an official of the small business concern empowered to act on behalf of the concern identified below:

Name of Small Business Concern 802 Systems, Inc.

Address of Small Business Concern 1580 Oakland Road, San Jose, CA 95131

I hereby state that the above identified small business concern qualifies as a small business concern, as defined in 13 CFR 121.12, and reproduced in 37 CFR 1.9(d), for purposes of paying reduced fees to the United States Patent and Trademark Office under Sections 41(a) and (b) of Title 35, United States Code, in that the number of employees of the concern, including those of its affiliates, does not exceed 500 persons. For purposes of this statement, (1) the number of employees of the business concern is the average over the previous fiscal year of the concern of the persons employed on a full-time, part-time or temporary basis during each of the pay periods of the fiscal year, and (2) concerns are affiliates of each other when either, directly or indirectly, one concern controls or has the power to control the other, or a third-party or parties controls or has the power to control both.

I hereby state that rights under contract or law have been conveyed to, and remain with, the small business concern identified above, with regard to the invention described in

- the specification filed herewith, with title as listed above.  
 the application identified above.  
 the patent identified above.

If the rights held by the above-identified small business concern are not exclusive, each individual, concern or organization having rights in the invention is listed below\* and no rights to the invention are held by any person, other than the inventor, who would not qualify as an independent inventor under 37 CFR 1.9(c), if that person made the

invention, or by any concern which would not qualify as a small business concern under 37 CFR 1.9(d) or a nonprofit organization under 37 CFR 1.9(e).

Each such person, concern or organization having any rights in the invention is listed below:

- No such person, concern, or organization exists.  
 Each such person, concern or organization is listed below.

NAME \_\_\_\_\_

ADDRESS \_\_\_\_\_

INDIVIDUAL  SMALL BUSINESS CONCERN  NONPROFIT ORGANIZATION

NAME \_\_\_\_\_

ADDRESS \_\_\_\_\_

INDIVIDUAL  SMALL BUSINESS CONCERN  NONPROFIT ORGANIZATION

NAME \_\_\_\_\_

ADDRESS \_\_\_\_\_

INDIVIDUAL  SMALL BUSINESS CONCERN  NONPROFIT ORGANIZATION

I acknowledge the duty to file, in this application or patent, notification of any change in status resulting in loss of entitlement to small entity status prior to paying, or at the time of paying, the earliest of the issue fee or any maintenance fee due after the date on which status as a small entity is no longer appropriate. (37 CFR 1.28(b))

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this verified statement is directed.

Name of Person Signing Andrew K. Krumel

Title of Person if Other Than Owner \_\_\_\_\_

Address of Person Signing 3635 Pleasant Knoll Drive, San Jose, CA 95148

\_\_\_\_\_  
Signature

Date December 21, 2000